

JAN 11 2007

Attorney Docket No.: 2002B133/2

IN THE SPECIFICATION

Please amend paragraph [0030] as follows:

[0030] The process may further include passing the catalyst slurry from a first vessel 102 to a second vessel 112 prior to introducing the catalyst slurry into the polymerization vessel 100. The second vessel 112 may have a catalyst slurry inlet 114 and a catalyst slurry outlet 116 respectively configured to receive and discharge the catalyst slurry. Furthermore, the second vessel 112 may have a angled lower surface, e.g., a substantially conical portion, and a volume that is smaller than the volume of the first vessel 102. The second vessel 112 may be used to meter, e.g., measure, the catalyst addition rate into the polymerization vessel 100. As a result, the second vessel 112 volume need only be large enough to adequately meter the catalyst slurry and provide a sufficient volume of catalyst slurry to the polymerization vessel 100. Alternatively, metering may occur in the first vessel 102. When metering in the first vessel 102, the volume of the first vessel 102 should be small enough to adequately determine a fluid level in the first vessel 102. The metering may include passing the catalyst slurry through at least one flow monitoring device (not shown) configured to measure a catalyst addition rate. Alternatively, the catalyst addition rate may be monitored via one or more gear pumps ~~(not shown)~~ 125 disposed in the conduit operably connected to the catalyst slurry outlet 116. The catalyst slurry exiting the second vessel 112 generally has a low pressure. Therefore, the pressure of the catalyst mixture may be increased by passing the catalyst mixture through the one or more gear pumps 125. A second oil may be introduced into the one or more gear pumps 125 to prevent catalyst particle damage from the gear pumps 125. A preferred "flow monitoring device" can be what is commonly recognized or referred to in the polymerization reactor industry as a "meter" including a member configured to measure the rate of the catalyst slurry flowing therethrough.

Please amend paragraph [0031] as follows:

[0031] The transport medium 118 and the catalyst slurry are combined in the one or more gear pumps 125 to form a catalyst mixture 120, which is subsequently introduced to the polymerization vessel 100. Preferably, the catalyst mixture 120 includes from 25 wt % to 75 wt % catalyst slurry and from 25 wt % to 75 wt % ~~transport medium oil~~. The catalyst mixture 120 is then introduced to the polymerization reactor 100 so that the propylene monomers are contacted

Attorney Docket No.: 2002B133/2

with the catalyst mixture 120 to polymerize the propylene monomers and form polypropylene. Polymerization occurs in polymerization vessel 100 as described above.